

Product datasheet for **RN202796**

Ric8a (NM_001100520) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ric8a (NM_001100520) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ric8a
Synonyms:	Ric-8A; Ric8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202796 representing NM_001100520
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCCCCGGGCAAGTTCGGATGCCTTGGAGACGGGAGAGGAAGATGCGGTGACAGAAGCTCTGCGGT
 CGTTTAACCGAGAGCATTCCAGAGCTTACCTTCGATGATGCACAGCAGGAGGACAGGAAGAGACTCGC
 AAAGCTGCTGGTCTCCGTAAGGAGCAGGGCTTGTACCAAAAACACCGTGTACCTGGCTGCAGACTATC
 CGAATCTATCCCGAGACCGCAGCTGCCTGGACTCATTGCTAGCCGCCAGAGTTTACACGCACTAGCCT
 GCTATGCCGACATTGCCATCTCAGAGGAGCCATCCCACAGCCCCAGACATGGATGTCTCTCGAGTC
 TCTCAAATGCCTGTGAATCTTGTGCTCAGCAGTCTACAGCACAGATGTAGCAGCAGAGGCTCGACTG
 GTGGTGGGCTAGCGAACGTGTGGGACTGTACCGAAAAGGAGCTATCCCCACGAAGTCCAGTTCTTTG
 ACTTAAGGCTCCTTTTCTGCTAACAGCCCTTCGCACTGATGTGCCAGCAGCTGTTTCAGGAGCTGCA
 TGGCGTGGCCTGCTGACCGATGCGCTGGAAGTACATTGGGTGTGGCCCCAAAGAAAACCTCTGGTG
 ATACTTCCAGCCAAAGAGACAGAGCGGGCCATGGAAATCCTCAAAGTGTCTTTAACATCACCTACGACT
 CTGTTAAGAGGGAGTTGATGAGGAGGACGCTGCCCTTACCGGTACCTGGGGACCTTCTGCGGCACTG
 TGTGATGGCTGATGCTGCTGGAGACCGCACAGAGGAGTTCATGGCCACACCGTGAATCTCTGGGGAAC
 CTGCCCTCAAATGTTTGGATGTCTTCTCGCTCTGGAGCTACACGAAGGATCCTTAGAGTTTATGGGAG
 TTAATATGGATGTGATCAATGCCCTCCTTGCTTCTAGAGAAGCGTCTGCACCAGACCCACAGGCTGAA
 GGAGTGTGTGGCACCGGTGCTGAGCGTGTGACAGAATGTGCCCGCATGCACCGTCTGCCAGGAAGTTC
 CTGAAGGCCAGGTCTGCCCTCTGAGGGATGTGAGGACTCGGCCCTGAGGTGGGGACCTGCTCCGAA
 ACAAGCTTGTCCGCCTCATGACACACCTGGATACAGATGTGAAGAGAGTAGCTGCTGAGTTCCTTTGT
 CTATGCTCTGAGAGTGTGCCCGATTCAAGTACACAGGCTACGGGAATGCTGCTGGCCTCCTGGCT
 GCCAGGGCCTCATGGCTGGGGCCGGCCGAGGGCCAGTACTCAGAGGATGAGGACACCCGACACAGAGG
 AGTACAGGGAAGCTAAGGCCAGCATCAACCCTGTGACTGGAAGGGTAGAGGAGAAGCCGCTAATCTAT
 GGAAGGCATGACAGAGGAGCAGAAGGAACATGAGGCCATGAAGCTAGTGAACATGTTTGACAAGCTCTCC
 AGGCACAGACTCATCAACCCATGGGGATGAGTCCCAGGGGTACCTCACTTCTCTGCAAGATGCGATGT
 GTGAAACTATGGAGGGACAGCTCTCTCAGACCCCGACTCAGACCCCGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001100520

Insert Size: 1593 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001100520.1](#), [NP_001093990.1](#)

RefSeq Size: 2567 bp

RefSeq ORF: 1593 bp

Locus ID: 293614

Cytogenetics: 1q41

Gene Summary: guanine nucleotide exchange factor for G-alpha subunits [RGD, Feb 2006]